

INTERNATIONAL SEARCH REPORT

International Application No

/IL2004/000899

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ROZNER S ET AL: "Detection and analysis of membrane interactions by a biomimetic colorimetric lipid/polydiacetylene assay" ANALYTICAL BIOCHEMISTRY, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 319, no. 1, 1 August 2003 (2003-08-01), pages 96-104, XP004434052 ISSN: 0003-2697	
X	WO 00/01819 A (ICAGEN INC ; JEGLA TIMOTHY J (US); WICKENDEN ALAN (US)) 13 January 2000 (2000-01-13) page 5, line 10 - line 24 page 30, line 23 - page 33, line 3 page 43, line 21 - page 45, line 25 ----- -/--	1,2,5,6, 11,12, 18,20, 22,23, 27,29



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

14/02/2005

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/IL2004/000899

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95/27204 A (BRITISH TECH GROUP ; SHEA PAUL STUART O (GB)) 12 October 1995 (1995-10-12) cited in the application page 9, line 1 - line 11 page 6, line 14 - page 7, line 8	1,6,11, 18
A	KOLUSHEVA S ET AL: "Rapid Colorimetric Detection of Antibody-Epitope Recognition at a Biomimetic Membrane Interface" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, vol. 123, 2001, pages 417-422, XP002280715 ISSN: 0002-7863	
A	EVRARD DAMIEN ET AL: "A new colorimetric assay for studying and rapid screening of membrane penetration enhancers" PHARMACEUTICAL RESEARCH (NEW YORK), vol. 18, no. 7, July 2001 (2001-07), pages 943-949, XP002313898 ISSN: 0724-8741	
A	KOLUSHEVA SOFIYA ET AL: "Biomimetic lipid/polymer colorimetric membranes: Molecular and cooperative properties." JOURNAL OF LIPID RESEARCH, vol. 44, no. 1, January 2003 (2003-01), pages 65-71, XP002313899 ISSN: 0022-2275	
A	SONG J ET AL: "SMART MATERIALS FOR BIOSENSING DEVICES: CELL-MIMICKING SUPRAMOLECULAR ASSEMBLIES AND COLORIMETRIC DETECTION OF PATHOGENIC AGENTS" BIOMEDICAL MICRODEVICES, KLUWER, DORDRECHT,, NL, vol. 4, no. 3, 2002, pages 213-221, XP008030659 ISSN: 1387-2176	
A	JELINEK R ET AL: "Polymerized lipid vesicles as colorimetric biosensors for biotechnological applications" BIOTECHNOLOGY ADVANCES, ELSEVIER PUBLISHING, BARKING, GB, vol. 19, no. 2, 1 April 2001 (2001-04-01), pages 109-118, XP004240663 ISSN: 0734-9750	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	HALEVY REVITAL ET AL: "Membrane binding and permeation by indolicidin analogs studied by a biomimetic lipid/polydiacetylene vesicle assay." PEPTIDES (NEW YORK), vol. 24, no. 11, December 2003 (2003-12), pages 1753-1761, XP002313900 ISSN: 0196-9781 -----	
P,A	JIANRONG C ET AL: "Nanotechnology and biosensors" BIOTECHNOLOGY ADVANCES, ELSEVIER PUBLISHING, BARKING, GB, vol. 22, no. 7, September 2004 (2004-09), pages 505-518, XP004522070 ISSN: 0734-9750 -----	

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Information on patent family members

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WO 0001819	A	13-01-2000	AU 4852499 A	24-01-2000
			WO 0001819 A1	13-01-2000
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